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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,064	12/01/2003	Kuei-Chi Yang	YANG3161/EM	1736

23364 7590 03/23/2006

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EXAMINER

HANNON, CHRISTIAN A

ART UNIT	PAPER NUMBER
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2618

DATE MAILED: 03/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/724,064	YANG, KUEI-CHI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Christian A. Hannon	2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☒ Claim(s) 2 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wei (US 2004/0203726) in view of Zamat (US 6,321,068).

Regarding claim 1, Wei teaches a power measurement system, comprising a power to voltage converter (Figure 2, Item 21; Wei) for receiving input signals (Figure 2, Item 22; Wei) from a wireless communication product to be tested (Figure 2, Item 24; Wei) and converting the input signals into voltage signals (Page 2, [0032],[0033]; Wei), it is noted that Wei makes use of an Agilent 8960 Test platform, the testing device (Figure 2, Item 21; Wei) (the examiner is including one of the Lab applications that obviously runs on the 8960 as a cited reference), a voltage meter coupled to the power to voltage converter, the voltage meter being operable to measure a voltage value of the voltage signals, obviously by definition a voltmeter (voltage meter) measures a voltage value of a voltage signal, and a PC coupled to the voltage meter (Figure 2, Item 26; Wei) via a communication interface (Figure 2, Item 27; Wei). However Wei fails to teach the PC being operable to read the voltage value measured by the voltage meter and convert the read voltage value into an actual power based on a created calibration

table, thereby obtaining a correct power measurement. Zamat teaches a means operable to read the voltage value measured by the voltage meter and convert the read voltage value into an actual power based on a created calibration table, thereby obtaining a correct power measurement (column 3, Lines 8-42). It would have been obvious to combine Wei to include a means operable to read the voltage value measured by the voltage meter and convert the read voltage value into an actual power based on a created calibration table, thereby obtaining a correct power measurement, such as that taught by Zamat, in order to take advantage of the PCs memory.

***Allowable Subject Matter***

3. Claim 2 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 2, Wei and Zamat teach the power measurement system of claim 1, furthermore Wei further teaches a power meter and an interconnected interface for interconnecting the power meter and the PC (Figure 2, Items 21, 26 & 27), however Zamat and Wei fail to teach wherein for creating the calibration table the power meter is operable to measure an actual output power of each of a plurality of channels of one of a predetermined series of wireless communication products and send the measured actual output power to the PC, the power to voltage converter and the voltage meter are operable to measure an output voltage of one of the predetermined series of wireless communication products for obtaining a measured voltage of each channel, the PC is

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operable to subtract the measured voltage from the actual output power to obtain a difference there between, and all differences are used to create the calibration table.

### ***Conclusion***


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christian A. Hannon whose telephone number is (571) 272-7385. The examiner can normally be reached on Mon. - Fri. 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Christian A. Hannon  
March 17, 2006



QUOCHIEN B. VUONG  
PRIMARY EXAMINER